

## Electronic Supporting Information

### Improved synthesis of DA364, a NIR fluorescence

### RGD probe targeting $\alpha_v\beta_3$ integrin

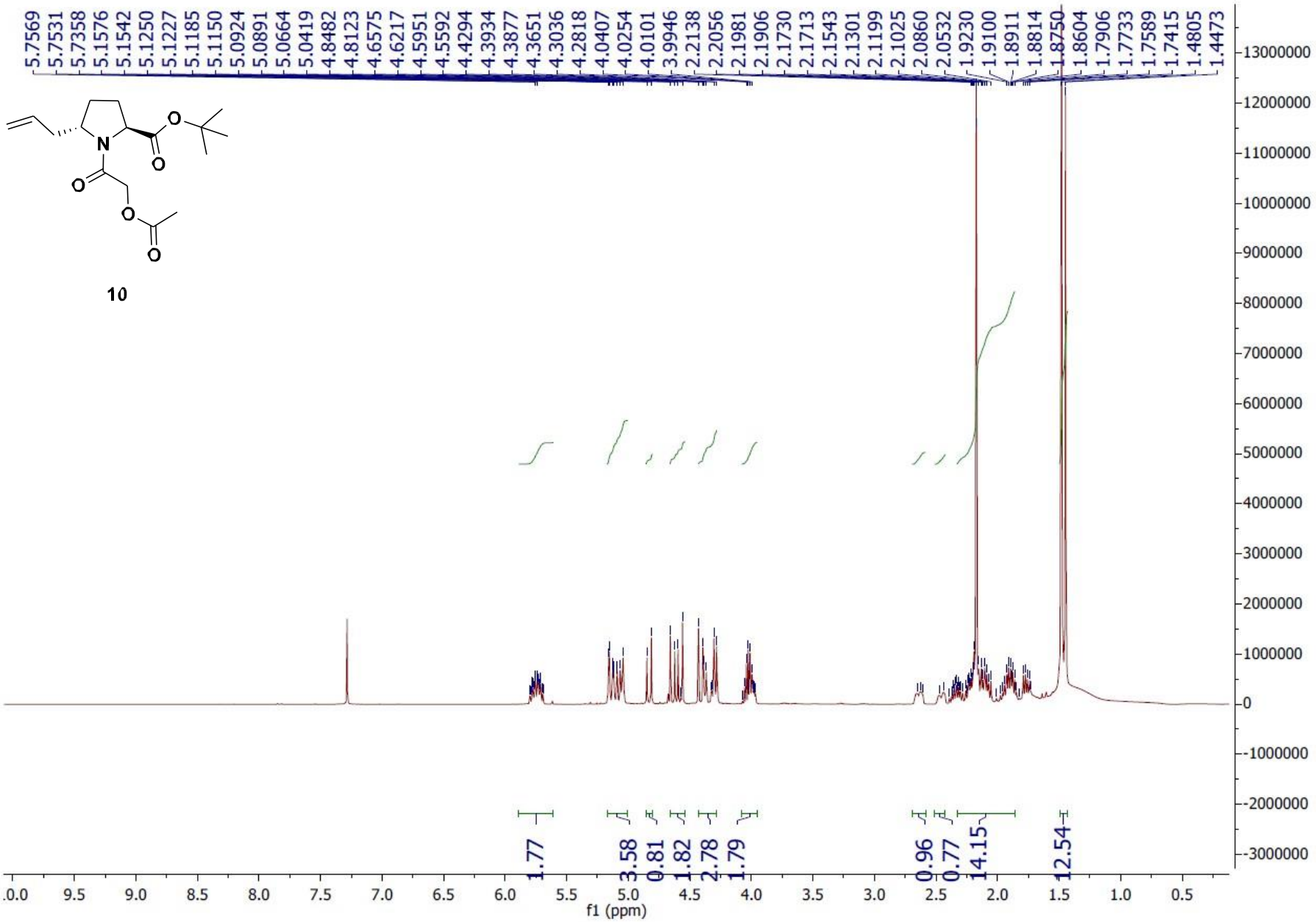
Rachele Maschio,<sup>a</sup> Federica Buonsanti,<sup>b</sup> Federico Crivellin,<sup>b</sup> Fulvio Ferretti,<sup>b</sup> Luciano Lattuada,<sup>\*b</sup> Federico Maisano,<sup>b</sup> Laura Orio,<sup>b</sup> Lorena Pizzuto,<sup>b</sup> Raphael Campanella,<sup>c</sup> Anthony Clouet,<sup>c</sup> Camilla Cavallotti<sup>d</sup> and Giovanni B. Giovenzana.<sup>\*a,d</sup>

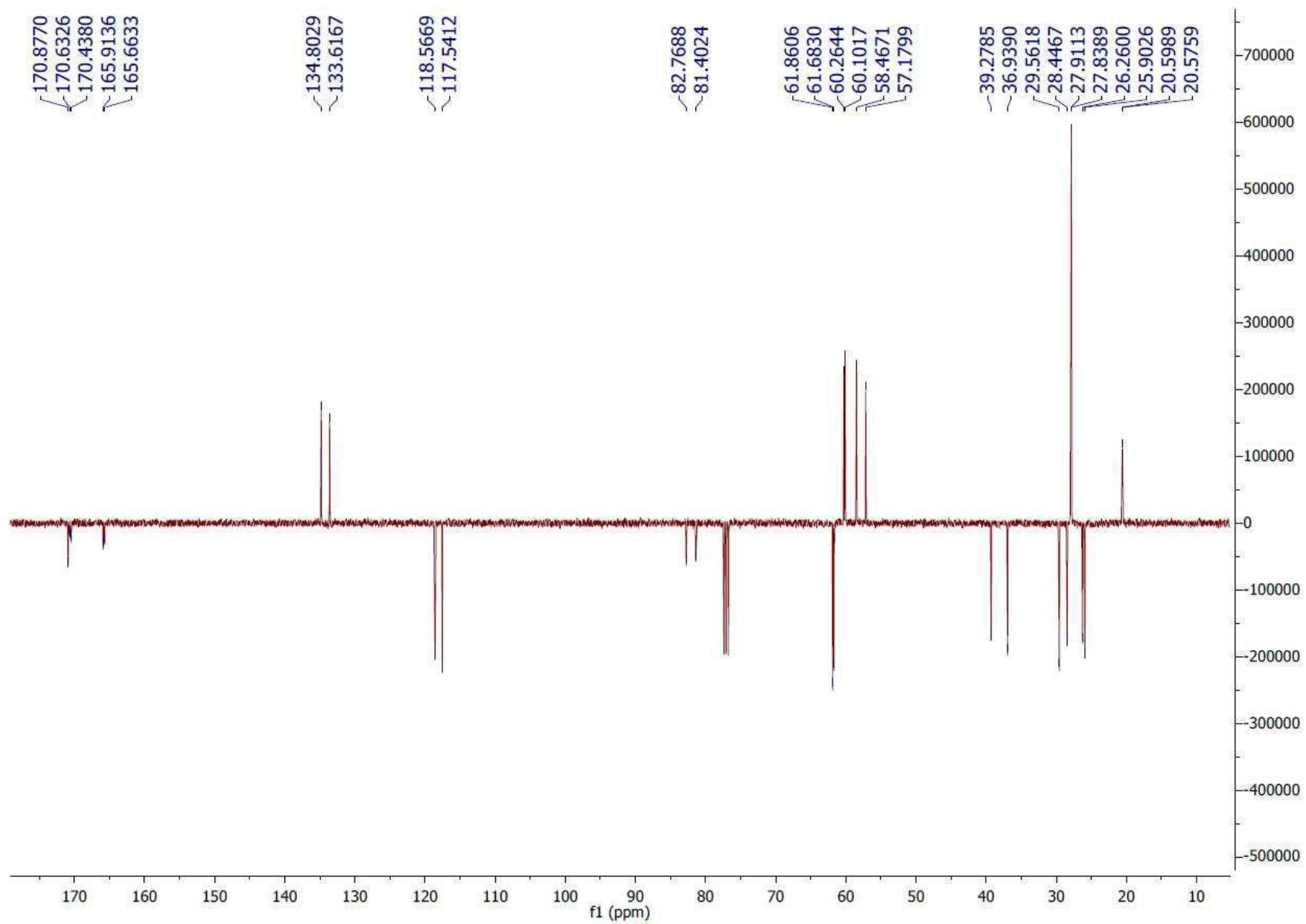
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<sup>b</sup> *Bracco Imaging Spa, Bracco Research Centre, Via Ribes 5, 10010 Colletterto Giacosa (TO), Italy. E-mail: [luciano.lattuada@bracco.com](mailto:luciano.lattuada@bracco.com)*

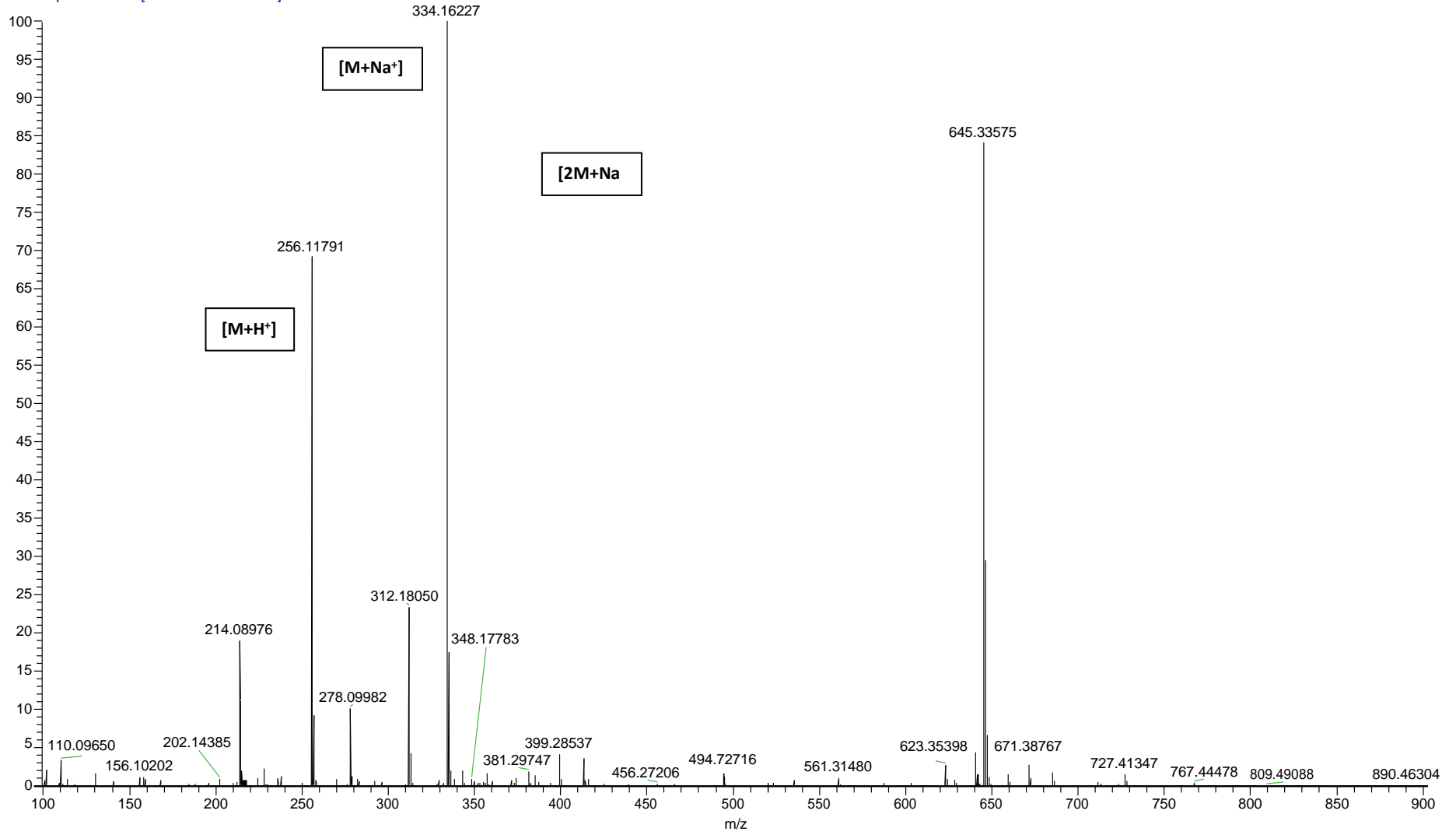
<sup>c</sup> *Bracco Suisse SA, Route de la Galaise 31, 1228 Plan le Ouates, Switzerland.*

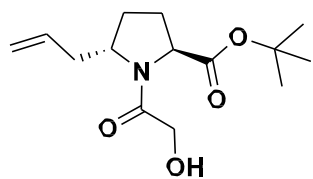
<sup>d</sup> *CAGE Chemicals Srl, Via Bovio 6, 28100 Novara, Italy*



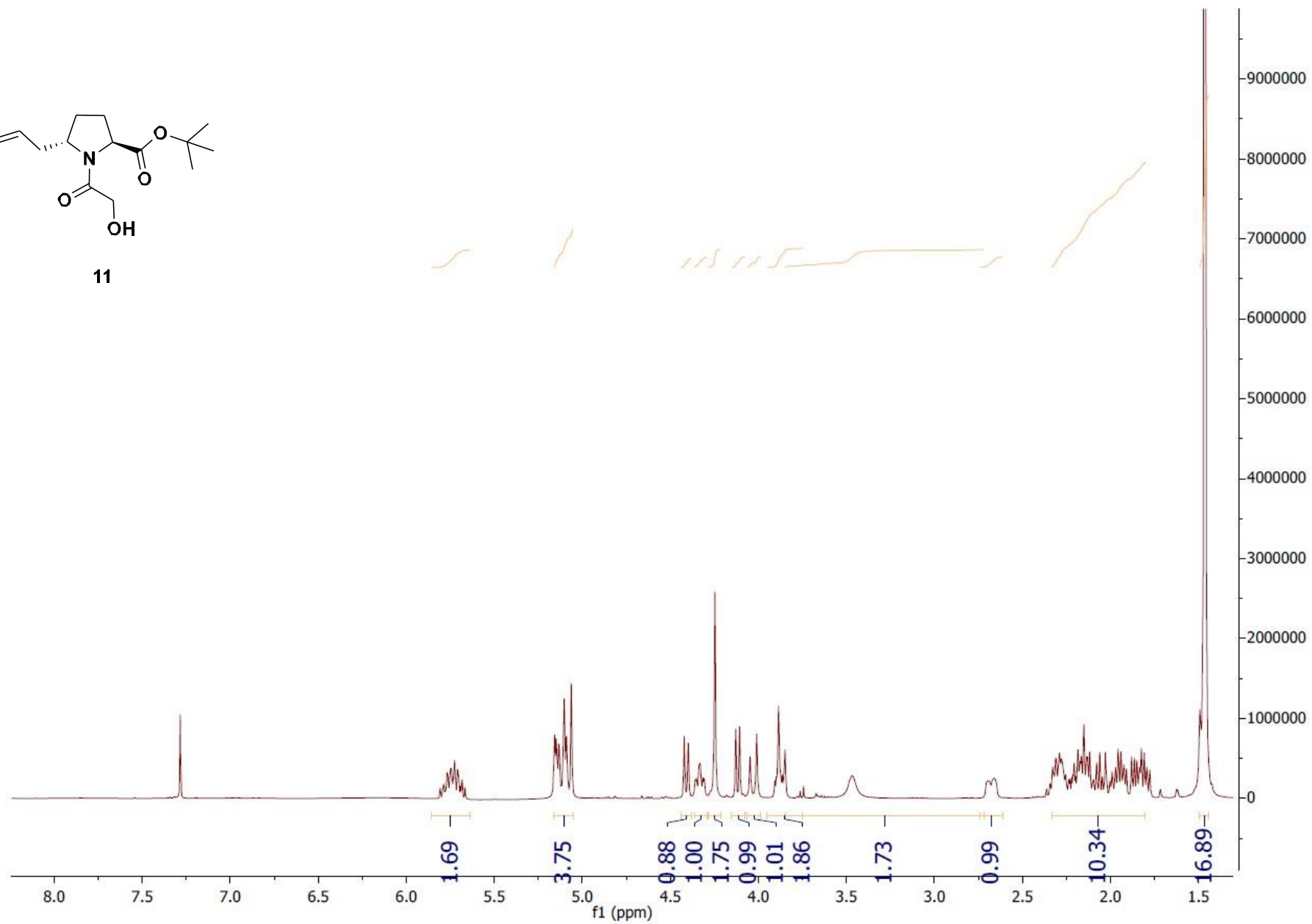


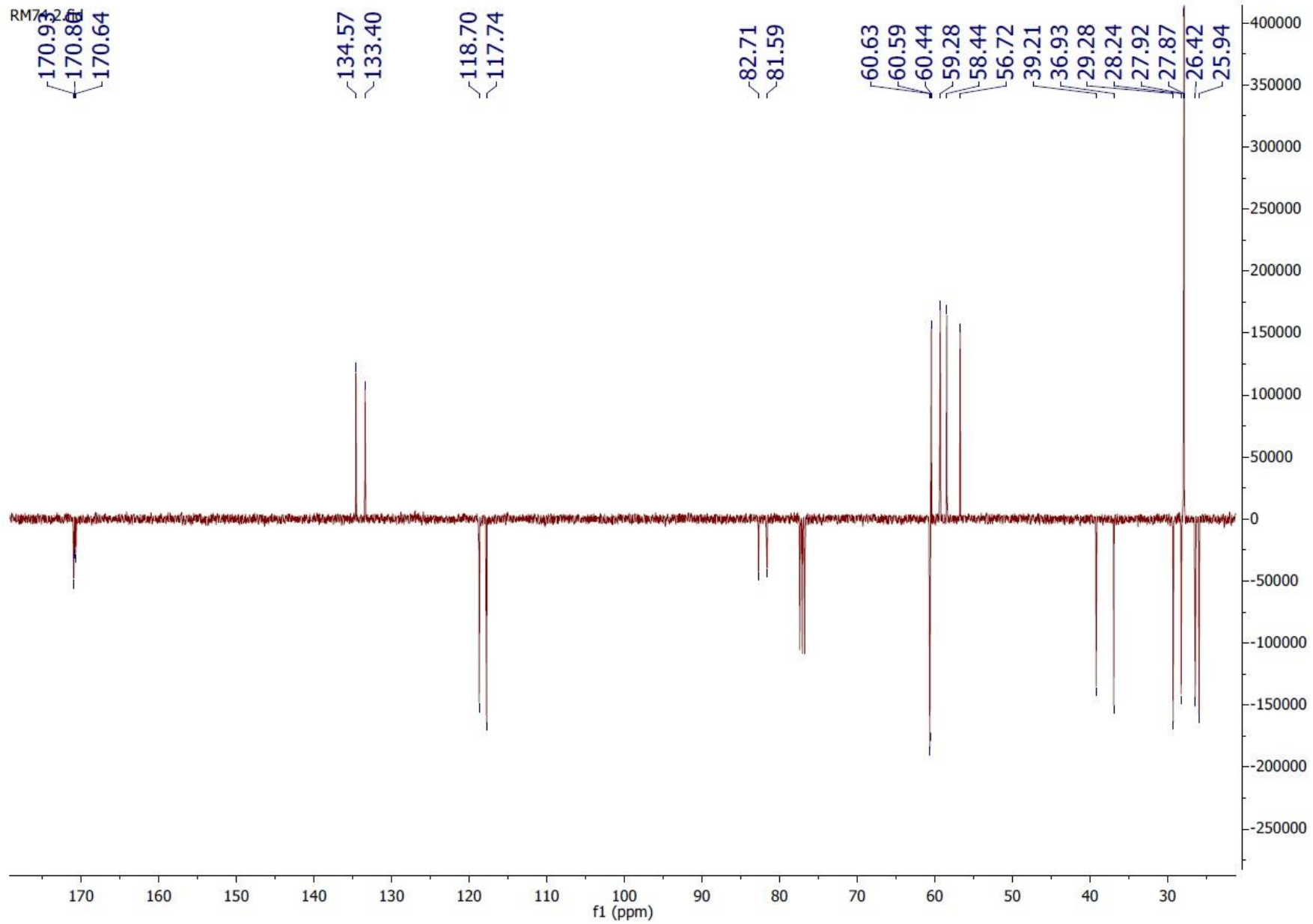
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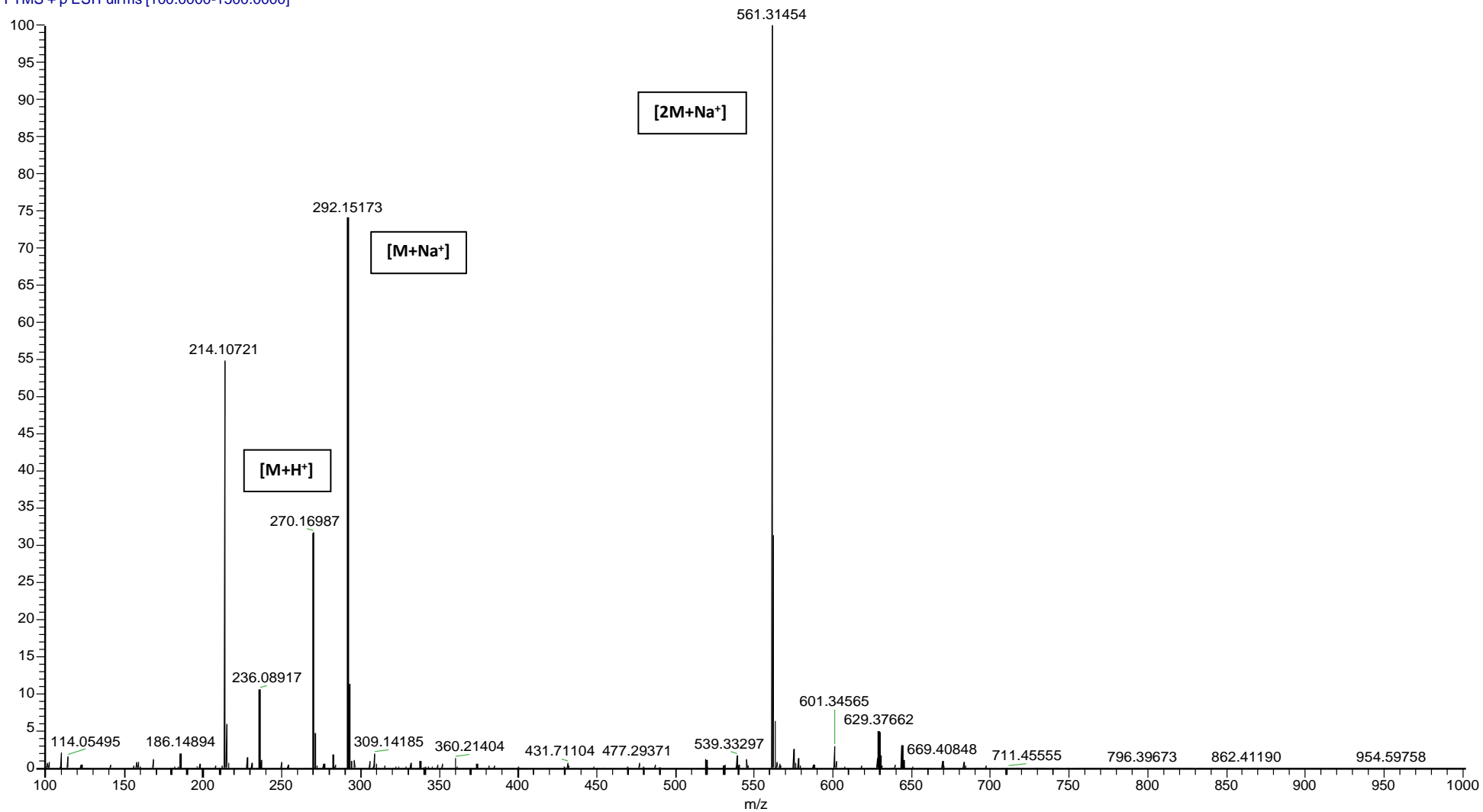


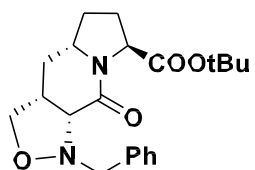
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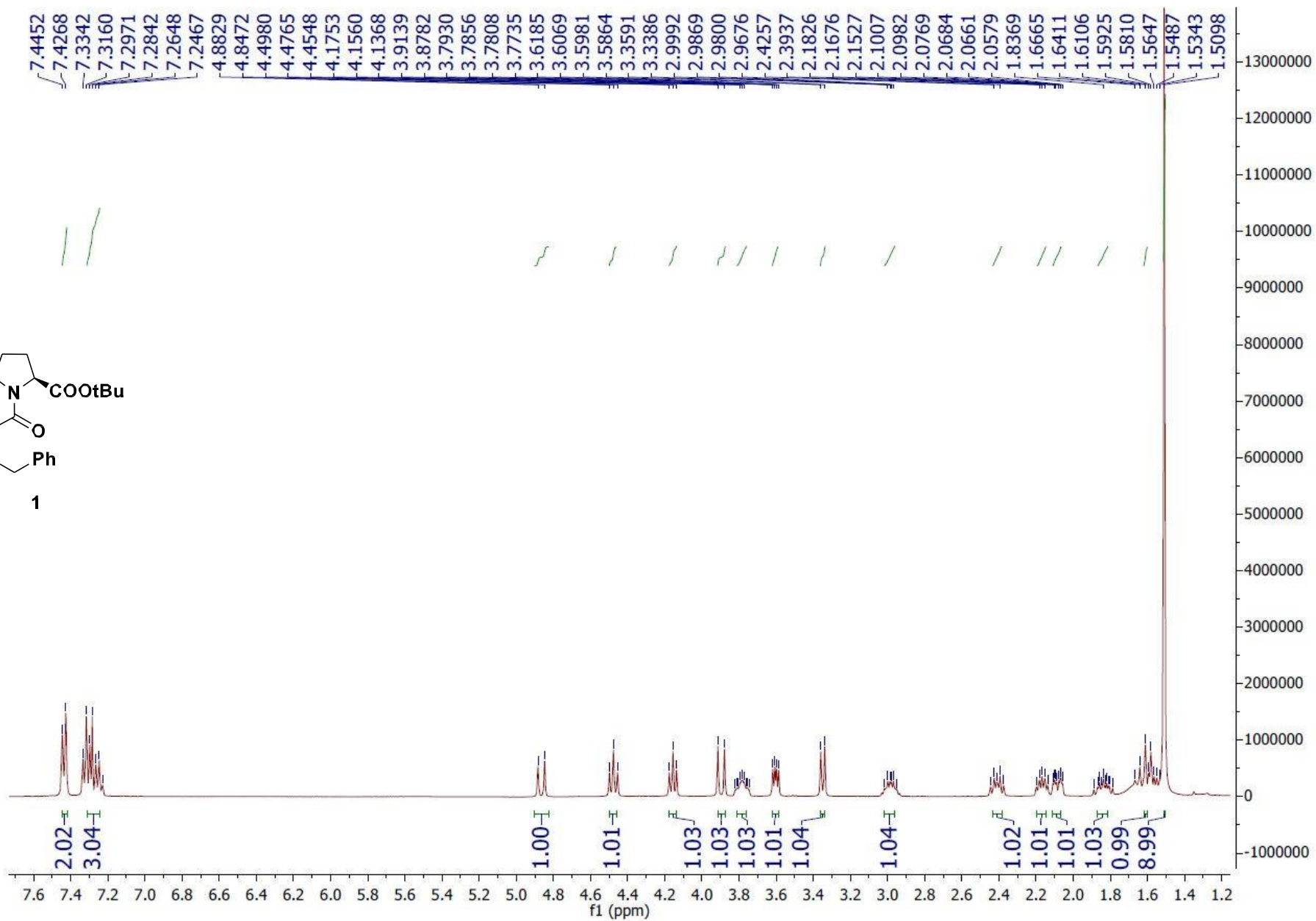


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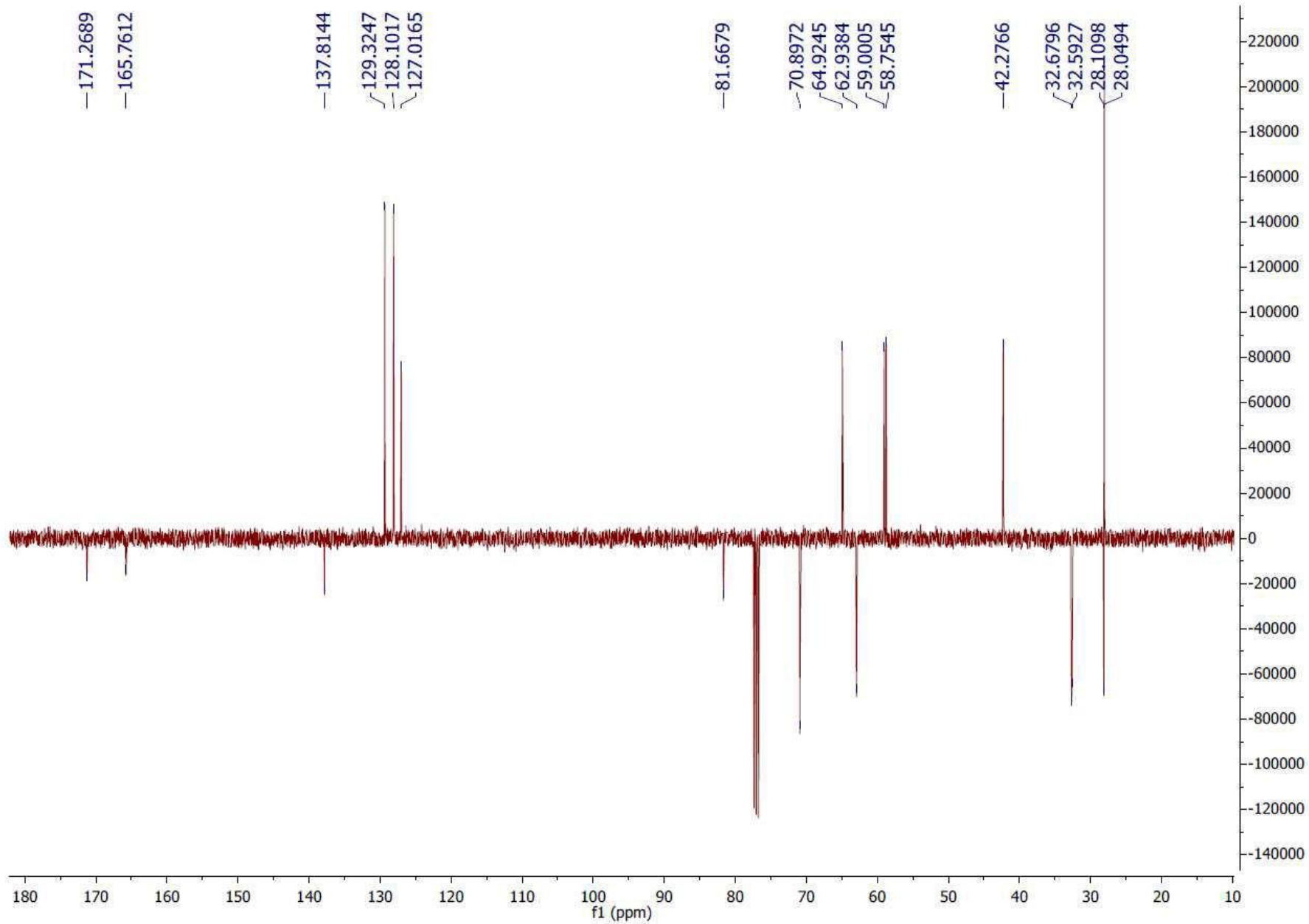




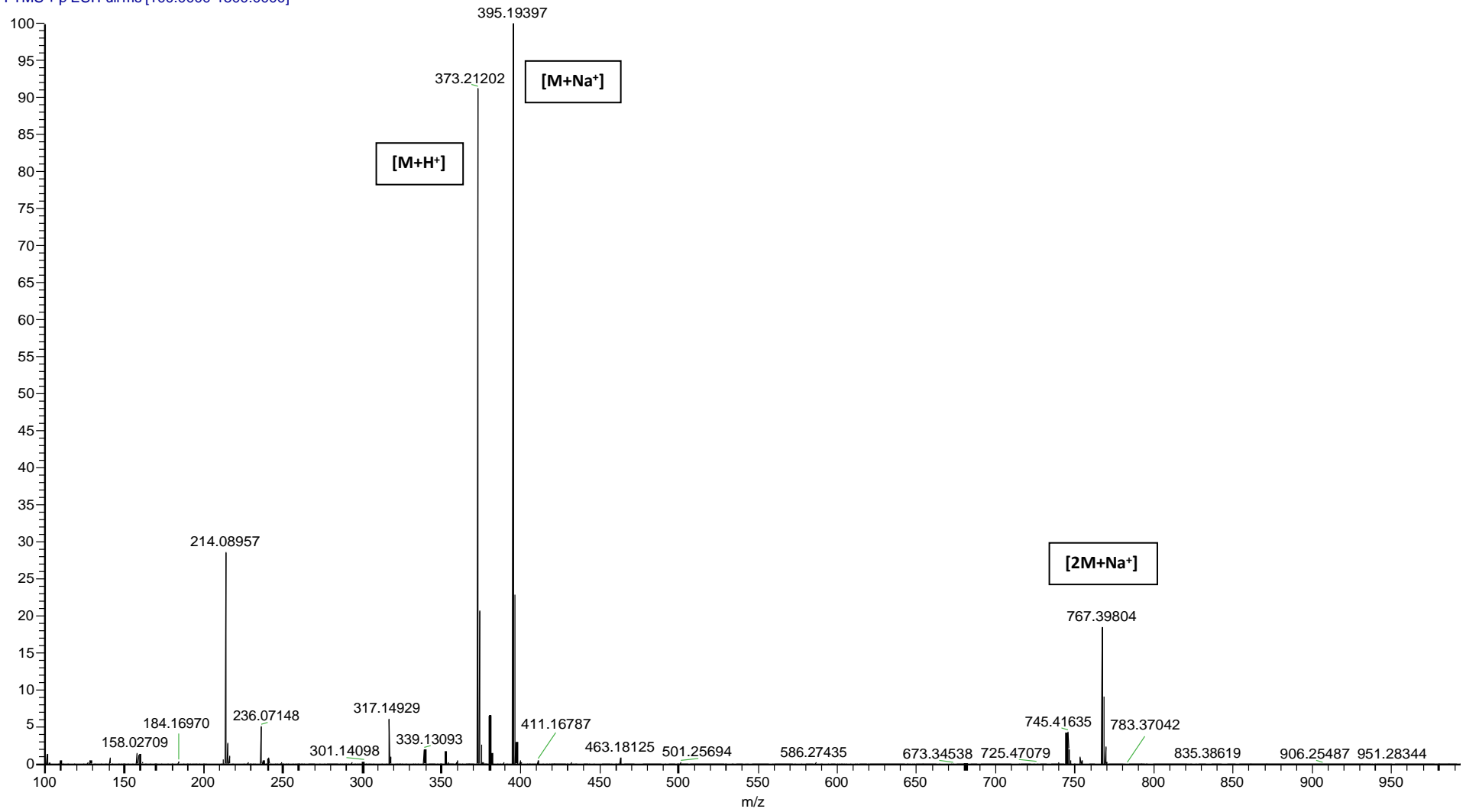
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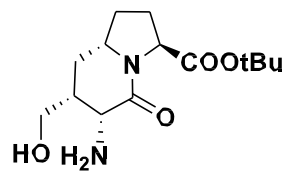




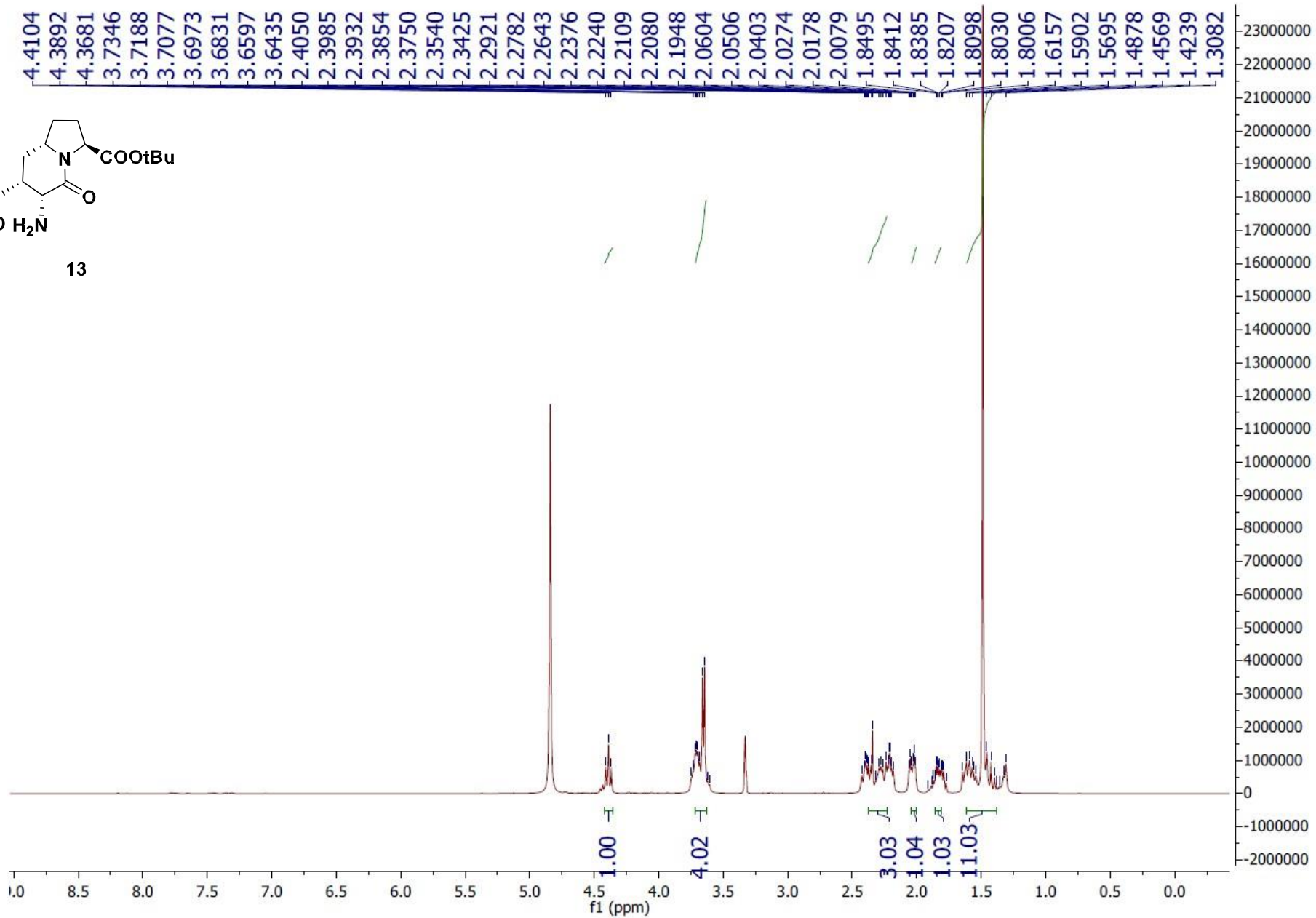


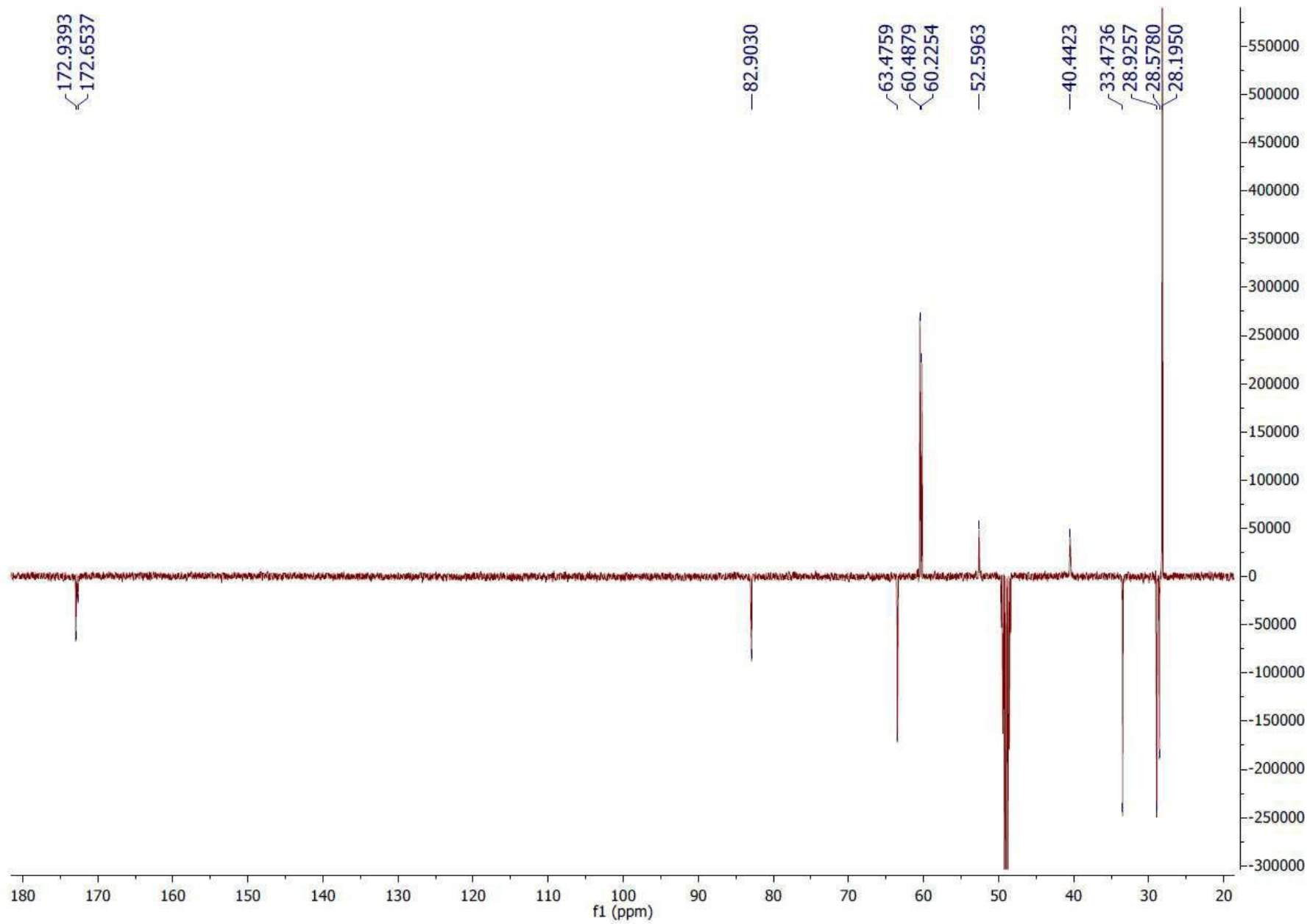
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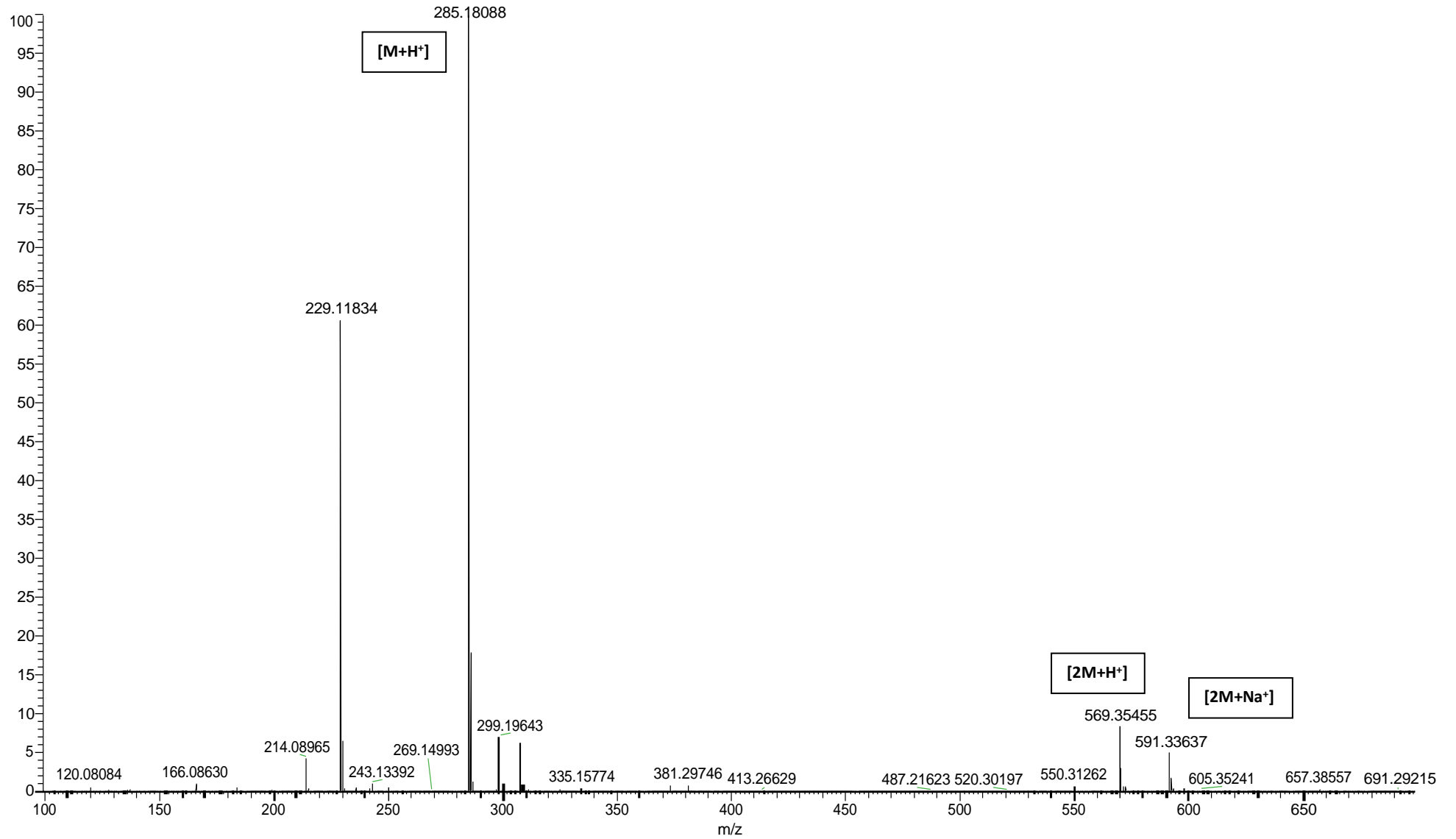


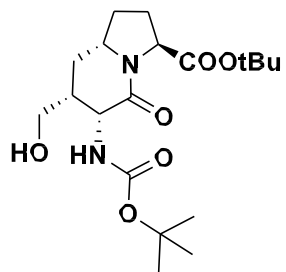
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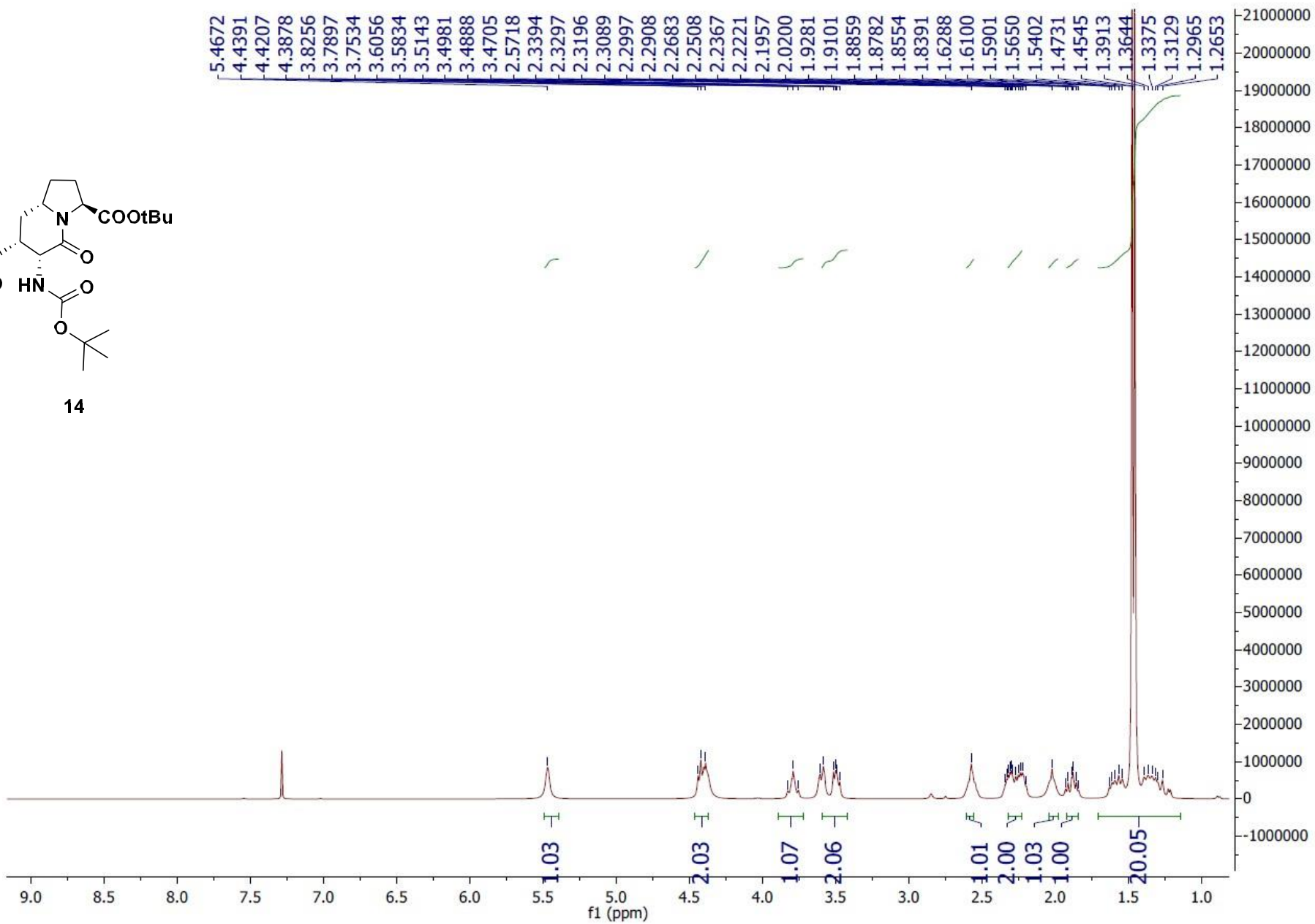


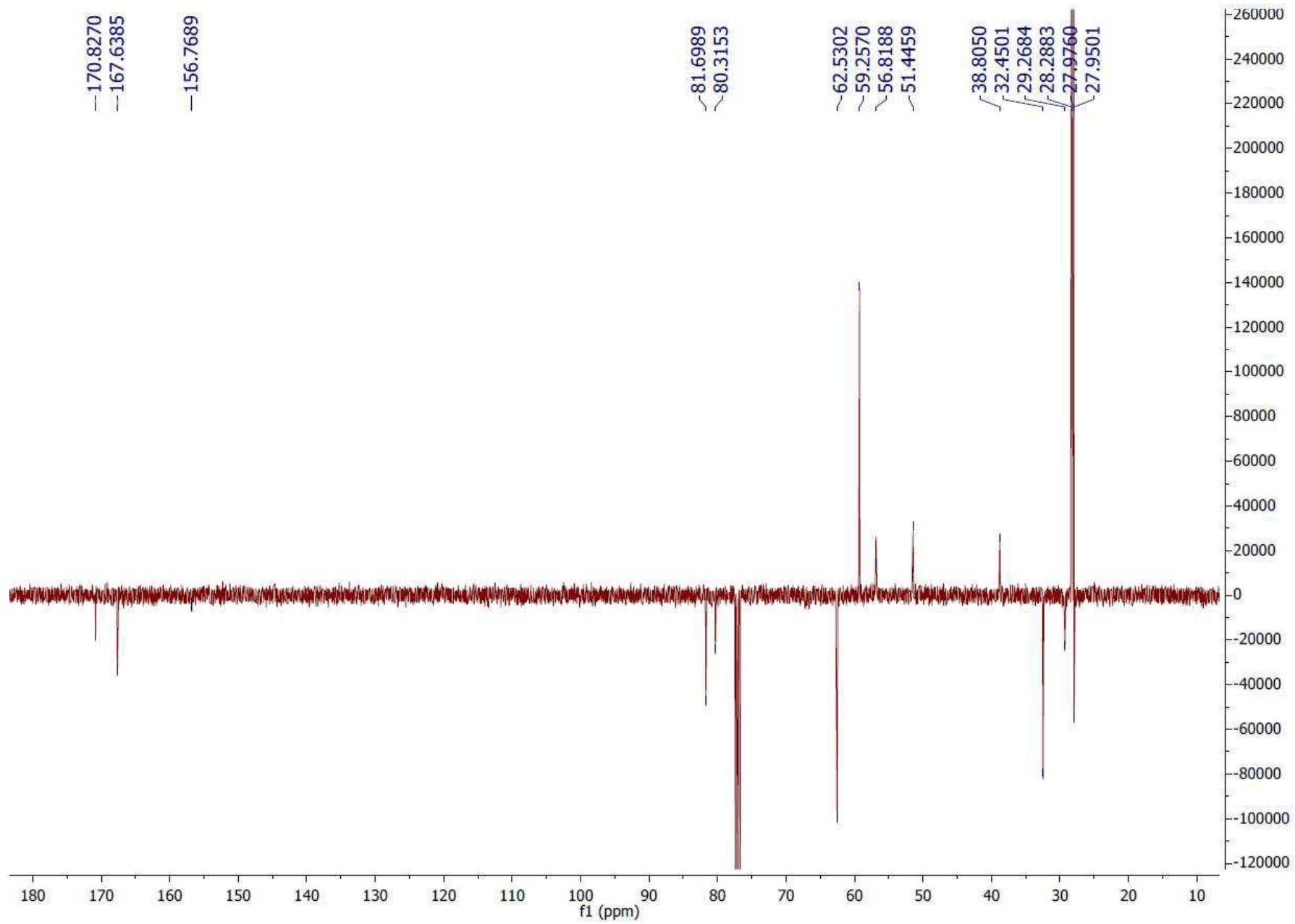
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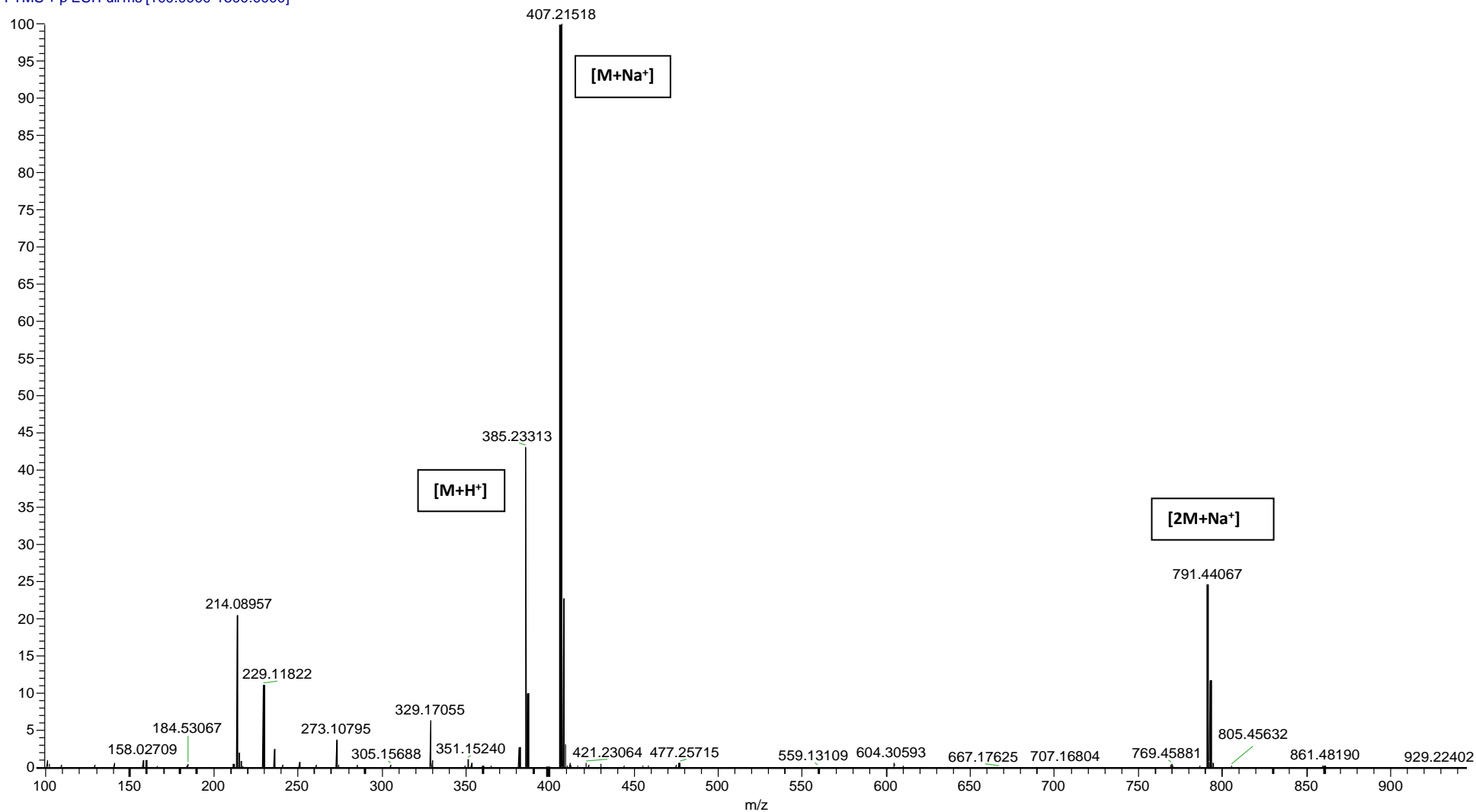


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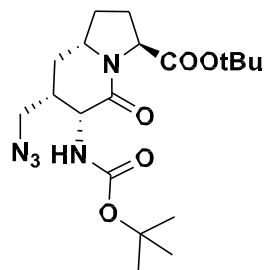




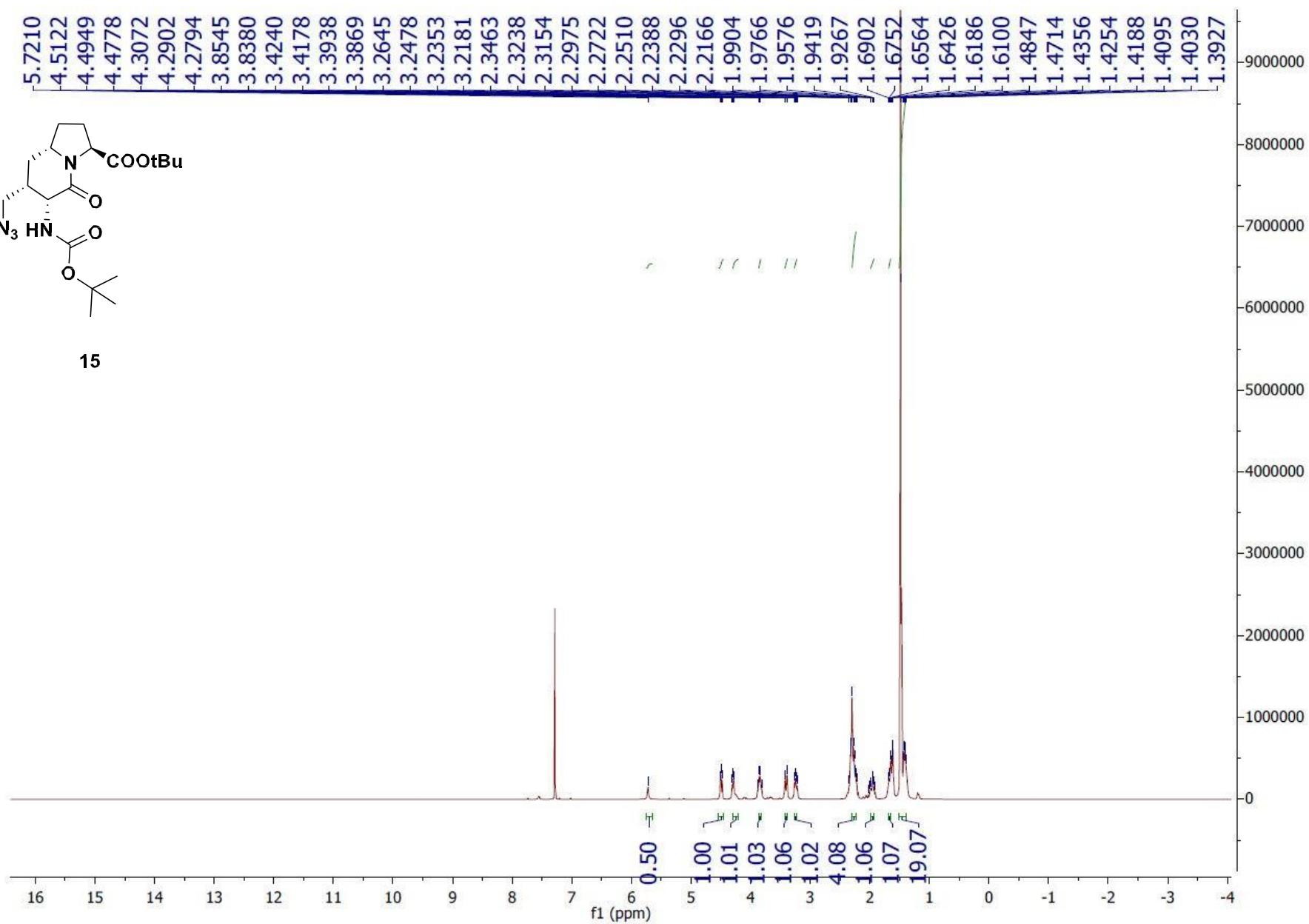
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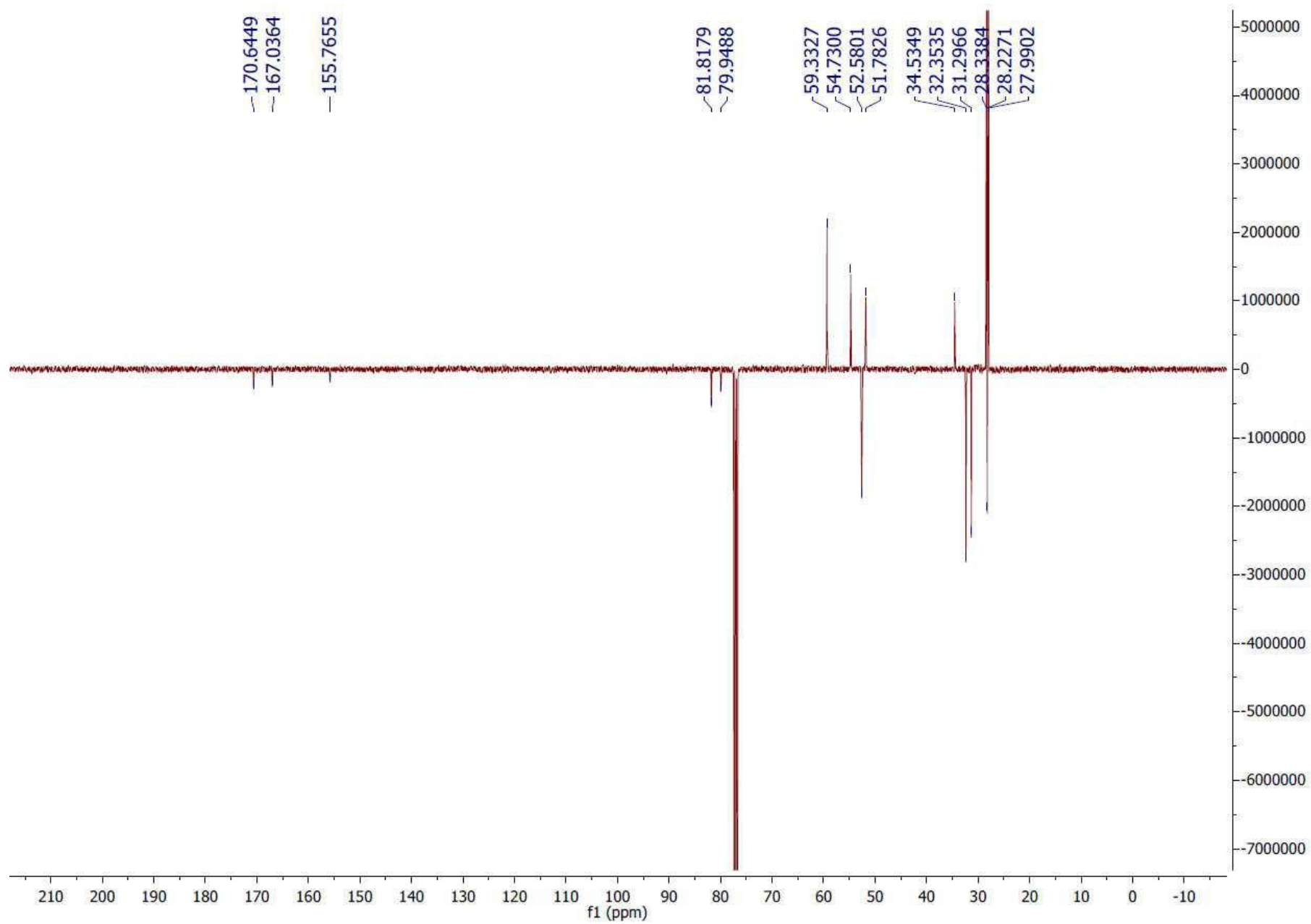




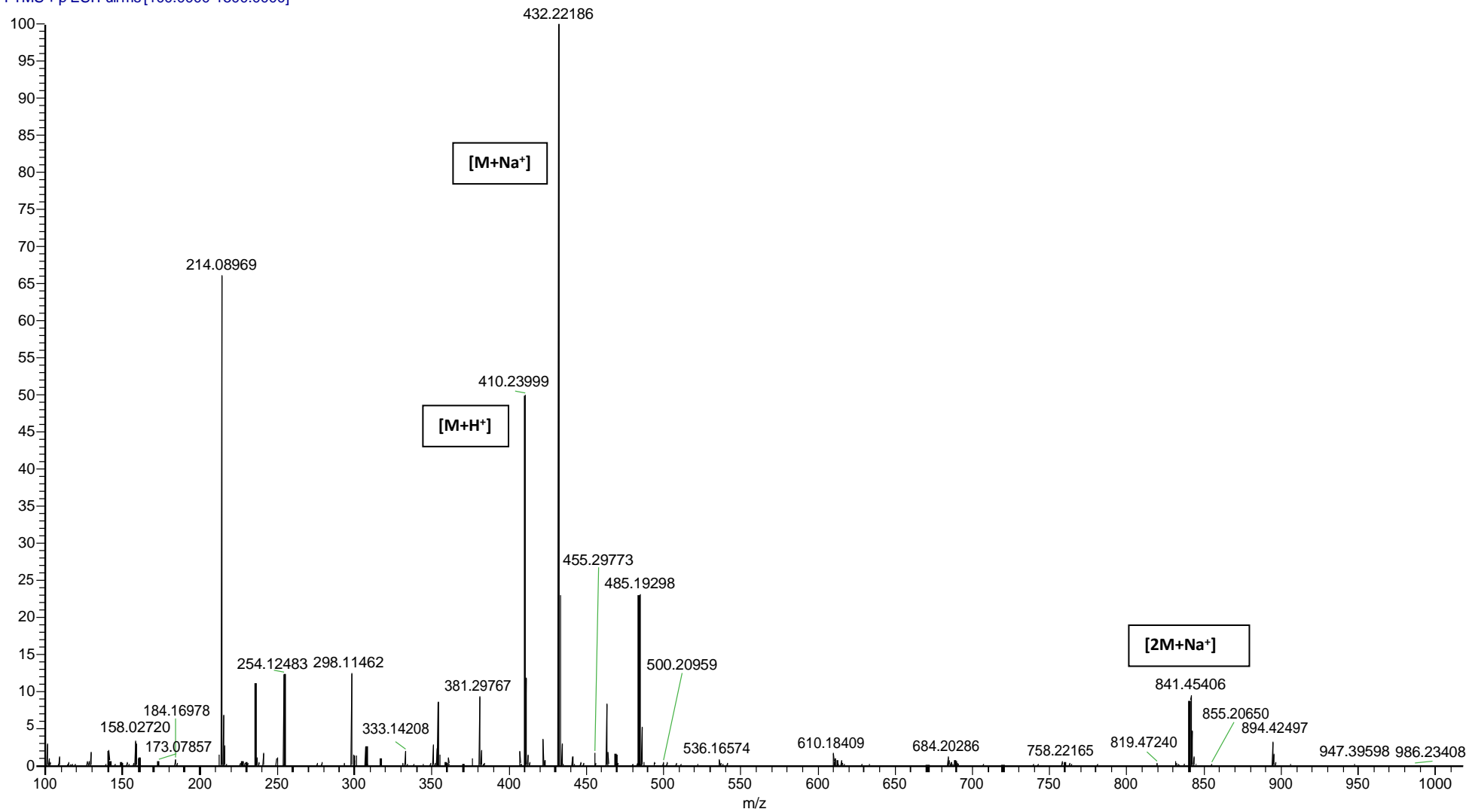


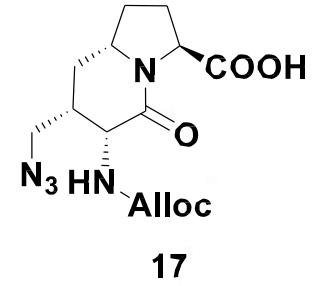
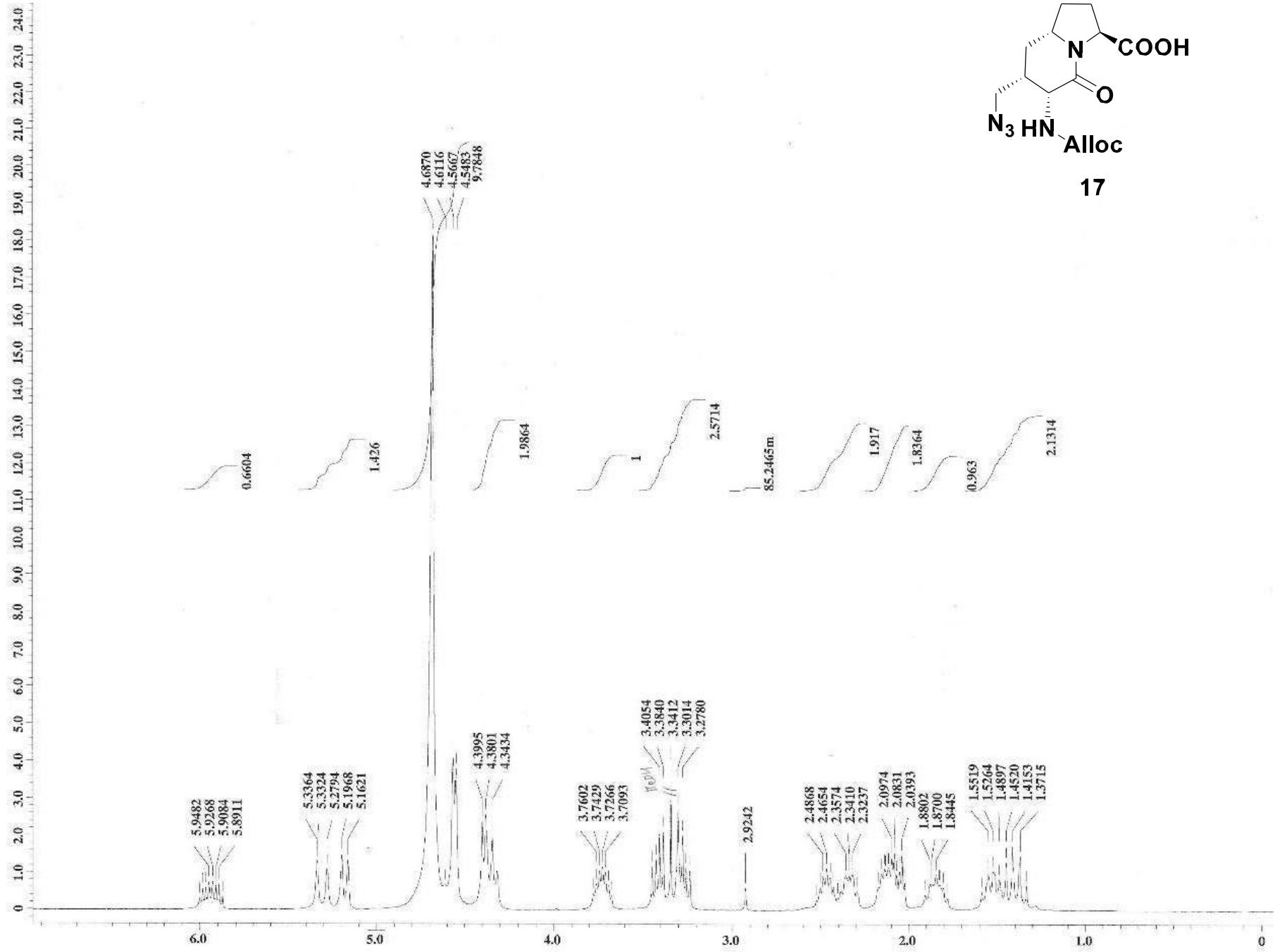
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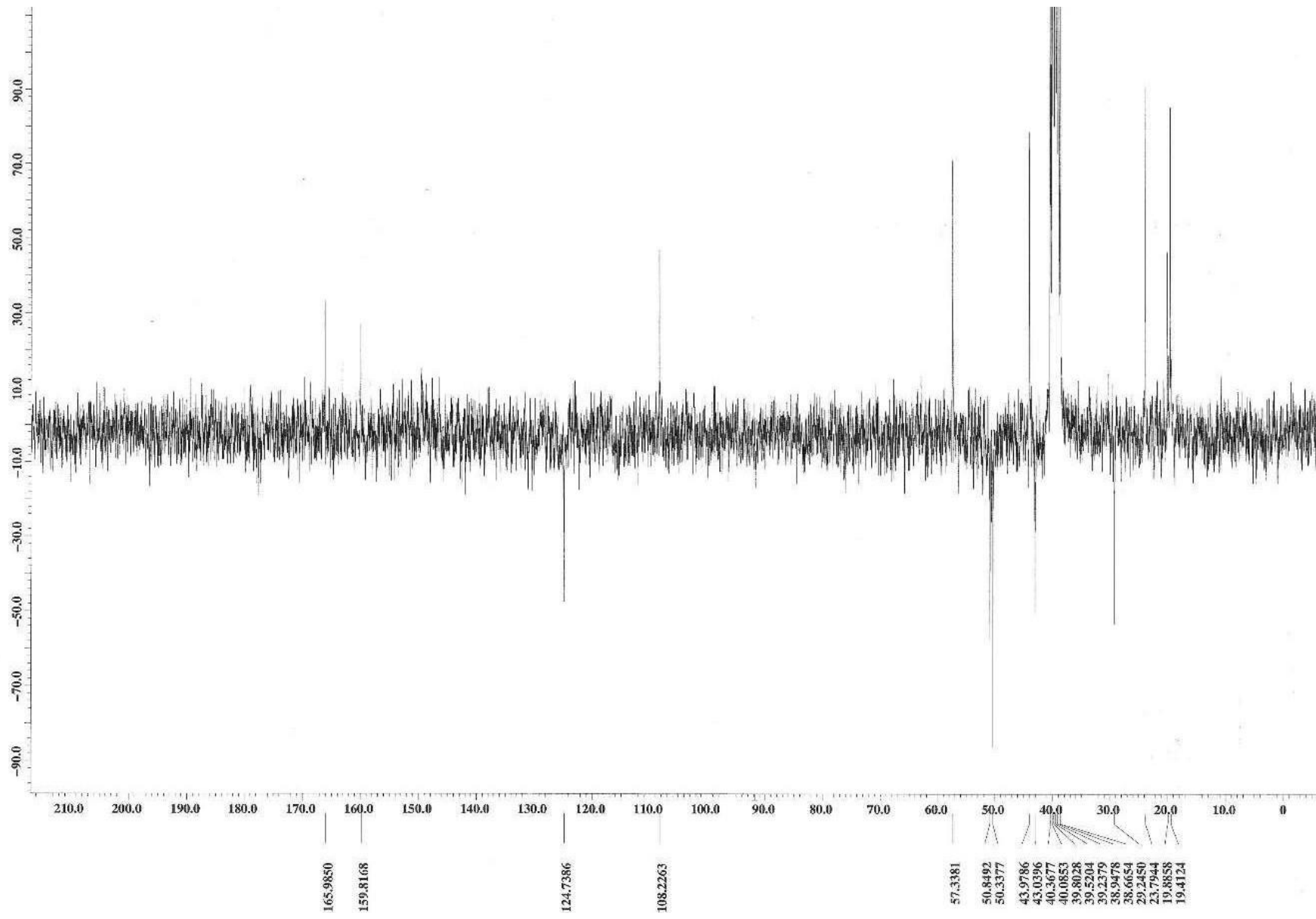




T: FTMS + p ESI Full ms [100.0000-1500.0000]







T: FTMS - p ESI Full ms [100.0000 1500.0000]

